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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on:
June 7, 2003, 09:40:42; Search time 18 Seconds (without alignments)
1778.027 Million cell updates/sec

Title:
US-09-524-531C-13
Sequence:
1 MALSRRLRLRLYARLPHFFL......VNYIRTSEEGDFRHKSSFVI 310

Scoring table:
BLOSUM62
Gapop 10.0, Gapext 0.5
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Tot number of hits satisfying chosen parameters:
Minimum DB seq length: 0
Maximum DB seq length: 2000000000.

Post-processing: Minimum March 0%

Searched:

392085 seqs, 103240269 residues

392085

Post-processing: Minimum Match 0% Maximum Match 100% Listing first 45 summaries

Database: Published\_Applications\_AA:\*

1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*

2: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*

3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*

4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep:\*

5: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*

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14: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

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PRIOR APPLICATION NUMBER: US 60/146,222	ETTING DAME, 1999-07-26	PRIOR REDITCATION NITHBER: 1997-07-07	APPLICATION :	FILING DATE: 2000-02-22	APPLICATION 1	5	CURRENT APPLICATION NUMBER: US/09/905,291A	FILE REFERENCE: 10466-14	ds Encoding the Same	OF INVENTION: Secret		APPLICANT: Williams, P. Mickey	APPLICANT: Tumas, Daniel	APPLICANT: Stewart, Timothy A.	APPLICANT: Roy, Margaret Ann	APPLICANT: Paoni, Nicholas F.	APPLICANT: Pan, James	APPLICANT: Mather, Jennie P.	•	APPLICANT: Hillan, Kenneth, J.	Ą	APPLICANT: Grimaldi, Christopher J.	APPLICANT: Godowski, Paul J.	APPLICANT: Goddard, A.	APPLICANT: Gerritsen, Mary E.			APPLICANT: Fong, Sherman	: Filvarof	APPLICANT: Ferrara, Napoleone	APPLICANT: Eaton, Dan L.	APPLICANT: Desnoyers, Luc	APPLICANT: Botstein, David	APPLICANT: Ashkenazi, Avi	-	GENERAL INFORMATION:	Patent No. US20020160374A1	Sequence 423, Application US/09905291A	US-09-905-291A-423	RESULT 1

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US-09-905-291A-423
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LENGTH: 310
                                                                                            GENERAL INFORMATION:
                                                                                                           Sequence 20, Application US/10033245
Patent No. US20020160392A1
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Matches 266;
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APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napole
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
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Local Similarity 85.8%;
hes 266; Conservative 1
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APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/20594
FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
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FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/28565
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APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/28313
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18; Mismatches 26
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NUMBER OF SEQ:
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CURRENT FILING DATE: 2001-12-27
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
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APPLICATION NUMBER: 60/113,145
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APPLICATION NUMBER: 60/119,537
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Stewart, Timothy
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                                                 Score 1409; DB 9;
Pred. No. 9.1e-89;
8; Mismatches 26
                                                                             Length 310;
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MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT

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PRIOR FILING DATE: 1998-08-04
PRIOR PELICNG DATE: 1998-12-16
PRIOR PELICNG DATE: 1998-12-16
PRIOR PELICATION NUMBER: 60/113,145
PRIOR PILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR FILING DATE: 1999-01-12
PRIOR PELICATION NUMBER: 60/115,565
PRIOR PELICATION NUMBER: 60/115,733
PRIOR PELICATION NUMBER: 60/115,733
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR APPLICATION NUMBER: 60/119,341
PRIOR PILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119,37
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US-10-033-223-20
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Patent No. US20020164646A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: P2930R1C9 CURRENT APPLICATION NUMBER: US/10/033,223 CURRENT FILING DATE: 2001-12-27 CURRENT FILING DATE: 2001-12-27
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APPLICATION NUMBER: 60/187,202
FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
                                                                                 APPLICATION NUMBER: 60/170,262
                                                                                                                           APPLICATION NUMBER: 60/162,506
                                                                FILING DATE: 1999-12-09
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Goddard, Audrey
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Stewart, Timothy A.
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; SEQ ID NO 20
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-223-20
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US-10-033-167-20
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Publication No. US20020182618A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 38
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                                   APPLICANT:
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PR APPLICATION NUMBER: PCT/US99/28551

DR FILING DATE: 1999-12-02

DR APPLICATION NUMBER: PCT/US00/03565

DR FILING DATE: 2000-02-11

DR APPLICATION NUMBER: PCT/US00/04414

DR APPLICATION NUMBER: PCT/US00/04414

DR FILING DATE: 2000-02-22
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FILING DATE: 2000-03-30
APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
APPLICATION NUMBER: PCT/US00/15264
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Similarity 85.8%; Pred. No. 9.1e-89;
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Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
                                                                                           Fong, Sherman
Gao, Wei-Qiang
Goddard, Audrey
Gurney, Austin L.
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Watanabe, Colin K. Wood, William I.
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INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119,341
TOR FILING DATE: 1999-02-09
TOR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/119,965
PRIOR APPLICATION NUMBER: 60/119,965
PRIOR APPLICATION NUMBER: 60/162,506
PRIOR APPLICATION NUMBER: 60/162,506
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Best Local Similarity
Matches 266; Conserv
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SEQ ID NO 20
LENGTH: 310
TYPE: PRT
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PRIOR PILING DATE: 2000-05-30
PRIOR APPLICATION NUMBER: PCT/US00/15264
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PRIOR APPLICATION NUMBER: 60/113,511
PRIOR PILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
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PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
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OR APPLICATION NUMBER: PCT/US00/32678
OR FILING DATE: 2000-12-01
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APPLICATION NUMBER: PCT/US99/28551
FILING DATE: 1999-12-02
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APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
APPLICATION NUMBER: PCT/US99/28634
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APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
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                   121 NDRKEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPL
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NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
                                                                                      SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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85.8%; Pred. No. 9.1e-89;
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RESULT 5
US-09-902-853-423
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR PEPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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                 FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
FILING DATE: 1999-12-02
                                                                      FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
                                                                                                                                                                                     FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/21547
                                                                                                                           APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
                                                                                                                                                                                                                           APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                 FILING DATE: 1999-09-08
                                                                                                                                                                    FILING DATE: 1999-09-15
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Botstein, David
Desnoyers, Luc
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Grimaldi, Christopher J.
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Mather, Jennie P.
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Filvaroff, Ellen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Paoni, Nicholas F.
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PCT/US99/28565
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; TYPE: PRT
; ORGANISM: Homo
US-09-902-853-423
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR PILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR PILING DATE: 2000-01-05.
NUMBER OF SEQ ID NOS: 423
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LENGTH: 310
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Best Local Similarity 85.8%;
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2930R1C2
CURRENT APPLICATION NUMBER: US/10/033,244
CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR FILING DATE: 1998-08-04
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR APPLICATION NUMBER: 60/113,145
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APPLICANT:
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APPLICANT: Desnoyers, Luc
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Cation No. US20020192668A1
RAL INFORMATION:
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Gurney, Austin L.
Pan, James
                                                                                                                                                                                                                                                                  Roy, Margaret Ann
Stewart, Timothy A.
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                                                                                                                                                                                                                              Watanabe, Colin K.
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Pred. No. 9.1e-89;
8; Mismatches 26
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SEQ ID NO 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 86.3%; Score 1409; DB 9; Best Local Similarity 85.8%; Pred. No. 9.1e-89;
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PRIOR
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TYPE: PRT
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PR PPLICATION NUMBER: PCT/US99/28634

DR FILING DATE: 1999-12-01

DR APPLICATION NUMBER: PCT/US99/28551

DR FILING DATE: 1999-12-02

DR APPLICATION NUMBER: PCT/US90/03565

DR APPLICATION NUMBER: PCT/US00/03565

DR FILING DATE: 2000-02-11
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FILING DATE: 2000 -03-02
APPLICATION NUMBER: PCT/US00/08439
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APPLICATION NUMBER: PCT/US99/12252
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APPLICATION NUMBER: 60/170,262
APPLICATION NUMBER: 60/187,202
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APPLICATION NUMBER: 60/115,558
FILING DATE: 1999-01-12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        266;
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                                                                NIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEG
                                                                                                                                                                                                                                                                                        SDFRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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                                                                                                                                               PTDSRANPREQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQDMEVYDL
    DFRHKSSFVI 310
                                                                                                                            PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
                                                                                                                                                                                                         NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
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US-09-907-824-423
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR PLING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: US 60/146,222
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PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-20
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PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
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PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides
TITLE OF INVENTION: Acids Encoding the Same
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APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
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Ashkenazi, Avi
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Desnoyers, Luc
Eaton, Dan L.
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Stewart, Timothy A.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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o. US20020197671A1
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US-09-907-824-423
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PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
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Best Local
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APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,841
CURRENT FILING DATE: 2001-11-20
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                                                                                                         Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Botstein, David
Desnoyers, Luc
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Gerritsen, Mary E
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Grimaldi, Christopher
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Ef, Ellen
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85.8%; Pred. No. 9.1e-89;
tive 18; Mismatches 26
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GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Benoyers, Luc
APPLICANT: Eston, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
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; ORGANISM: Homo
US-09-907-841-423
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Best Local (
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                                       APPLICANT:
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LENGTH: 310
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ICR FILING DATE: 1999-09-08
ICR APPLICATION NUMBER: PCT/US99/20944
ICR APPLICATION NUMBER: PCT/US99/21090
ICR APPLICATION NUMBER: PCT/US99/21090
ICR APPLICATION NUMBER: PCT/US99/21547
ICR FILING DATE: 1999-09-15
ICR FILING DATE: 1999-09-15
ICR FILING DATE: 1999-09-15
ICR FILING DATE: 1999-10-05
ICR APPLICATION NUMBER: PCT/US99/23089
ICR APPLICATION NUMBER: PCT/US99/28214
ICR APPLICATION NUMBER: PCT/US99/28214
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ER OF SEQ ID NOS: 423
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FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
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FILING DATE: 2000-02-22
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Gerber, Hanspeter
Gerritsen, Mary E
                                     Fong, Sherman
Gao, Wei-Qiang
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Pred. No. 9.1e-89;
8; Mismatches 26;
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SDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVAL 120 MALRRPPRLILLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT

60

SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR

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CURRENT FILING DATE: 2001-07-11
PRIOR PELLOATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR PILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
                                                                                                                                                                                                                NUMBER OF SEQ ID
SEQ ID NO 423
LENGTH: 310
                                                                                    Query Match
Best Local
                                                                Matches
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APPLICANT:
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PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                                                                                  Local
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R FILING DATE: 1999-09-15
R APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-09-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: PCT/US99/30095 FILING DATE: 1999-12-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 1999-11-29
APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: 1999-12-02
                                                                                  Similarity
MALSRRLRLRLYARLPHFFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQT
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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                                                                Conservative
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                                                           86.3%; Score 1409; DB 9;
85.8%; Pred. No. 9.1e-89;
tive 18; Mismatches 26
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                                                                                                           DB 9;
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RESULT 10
US-10-028-
    PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION UMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
REFLING DATE: 1997-09-26
REFLING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059263
PRIOR APPLICATION NUMBER: 60/059352
PRIOR APPLICATION NUMBER: 60/059352
PRIOR APPLICATION NUMBER: 60/059368
PRIOR APPLICATION NUMBER: 60/05936
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PRIOR APPLICATION NUMBER: 60/05936
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CURRENT APPLICATION NUMBER: US/10/028,072
CURRENT FILING DATE: 2001-12-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith Victoria
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Desnoyers, Luc
Filvaroff, Ellen
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Wood, William
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OR APPLICATION NUMBER: 60/663329
OR FILING DATE: 1997-10-27
OR APPLICATION NUMBER: 60/063550
OR FILING DATE: 1997-10-28
OR APPLICATION NUMBER: 60/063561
OR FILING DATE: 1997-10-28
OR FILING DATE: 1997-10-28
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RAPPLICATION NUMBER: 60/63738

DR FILING DATE: 1997-10-29

DR APPLICATION NUMBER: 60/063755

DR FILING DATE: 1997-10-17

DR APPLICATION NUMBER: 60/064248

DR FILING DATE: 1997-11-03
FILING DATE: 1998-03-27
APPLICATION NUMBER: 60/080165
FILING DATE: 1998-03-31
APPLICATION NUMBER: 60/081203
FILING DATE: 1998-04-09
                                                                                                       APPLICATION NUMBER:
                                                                                                                                                                                           FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078910
FILING DATE: 1998-03-20
APPLICATION NUMBER: 60/079294
                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/074086
FILING DATE: 1998-02-09
APPLICATION NUMBER: 60/074092
FILING DATE: 1998-02-09
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APPLICATION NUMBER: 60/073612
FILING DATE: 1998-02-04
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FILING DATE: 1997-12-16
APPLICATION NUMBER: 60/072320
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FILING DATE: 1997-12-11
APPLICATION NUMBER: 60/069278
FILING DATE: 1997-12-11
APPLICATION NUMBER: 60/069334
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APPLICATION NUMBER: 60/066364
FILING DATE: 1997-11-21
APPLICATION NUMBER: 60/066453
FILING DATE: 1997-11-24
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FILING DATE: 1997-11-24
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APPLICATION NUMBER: 60/065846
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FILING DATE: 1997-11-07
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APPLICATION NUMBER: 60/063735
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APPLICATION NUMBER: 60/063082
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APPLICATION NUMBER: 6
FILING DATE: 1997-10-
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OR APPLICATION NUMBER: 60/090538
OR FILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090863
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/091360
OR FILING DATE: 1998-07-01
OR APPLICATION NUMBER: 60/091519
OR APPLICATION NUMBER: 60/091982
OR APPLICATION NUMBER: 60/091982
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R APPLICATION NUMBER: 60/089947

R FILING DATE: 1998-06-19

R APPLICATION NUMBER: 60/090349

DR FILING DATE: 1998-06-23

R APPLICATION NUMBER: 60/090429
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FILING DATE: 1998-06-17
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APPLICATION NUMBER: 60/080858
FILING DATE: 19/98-06-11
APPLICATION NUMBER: 60/089532
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FILING DATE: 1998-05-07
APPLICATION NUMBER: 60/085149
FILING DATE: 1998-05-12
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FILING DATE: 1998-05-07
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APPLICATION NUMBER: 60/083322
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APPLICATION NUMBER: 60/090445
FILING DATE: 1998-06-24
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APPLICATION NUMBER: 60/088810
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APPLICATION NUMBER: 60/088730
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RESULT 11
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CURRENT APPLICATION NUMBER: US/09/906,742
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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Publication
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Best Local
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                                                                                                                                TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14
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                                                                                                                                                                                                                                                                                      Gurney, Australian, Kenneth, J. wliavin, Ivar J.
                                                                                                                                                                            Williams, P. Mickey Wood, William, I.
                                                                                                                                                                                                                    Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
                                                                                                                                                                                                                                                                             Kljavin, Ivar J.
Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                        Godowski, Paul J.
Grimaldi, Christopher
                                                                                                                                                                                                                                                                                                                                                                                     Gerber, Hanspeter
Gerritsen, Mary E.
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Filvaroff, Bllen
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Botstein, David
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Pred. No. 9.1e-89;
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APPLICATION NUMBER: PCT/US99/20594

1999-07 1999-07-26

NUMBER: US 60/146,222

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US-10-121 049-538 Application US/10121049 Sequence 538, Application US/10121049 Publication No. US20030022239A1 GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
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SEQ ID NO 423
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Best Local Similarity
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      PPLICANT:
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OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
OR APPLICATION NUMBER: PCT/US99/28564
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/28565
OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
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APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
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APPLICATION NUMBER: PCT/US99/20944
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Beresini,Maureen
DeForge,Laura
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85.8%; Pred. No. 9.1e-89;
tive 18; Mismatches 26
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                                                                                                                                                                                                          Sequence 538, Appropriate Publication No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Prior Application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 550
SEQ ID NO 538
LENGTH: 310
TYPE: PRT
                                                                                                                                                                                          GENERAL INFORMATION:
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Best Local Similarity 85.8%; Pr
Conservative 18;
                                                                           APPLICANT:
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APPLICANT: Beresini, Mauro
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P333GR1C17
CURRENT APPLICATION NUMBER: US/10/121,049
CURRENT FILING DATE: 2002-04-12
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          Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
                                                                                                       DeForge, Laura
Desnoyers, Luc
Filvaroff, Ellen
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                                                                           Gao, Wei-Qiang
Gerritsen, Mary E.
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Wood,William
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Pred. No. 9.1e-89;
18; Mismatches 26;
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LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
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CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
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            TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES TITLE OF INVENTION: ACIDS ENCODING THE SAME FILE REFERENCE: P3330R1C160
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APPLICANT: Beres
APPLICANT: DeFor
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40-470-538
ence 538, Application US/10140470
Carton No. US20030022331A1
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                                                                                                                                                                              Goddard, Audrey
Godowski, Paul J.
                                                                     Tumas, Daniel
Watanabe, Colin K
Wood, William
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Filvaroff, Ellen
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Wood, William
                                                          Zhang, Zemin
                                                                                                                 Stewart, Timothy A
                                                                                                                                   Smith, Victoria
                                                                                                                                                 Sherwood, Steven
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llarity 85.8%;
Conservative 10
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NUMBER: US/10/140,470
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Pred. No. 9.1e-89;
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RESULT 15
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-470-538
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Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
                       APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
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APPLICANT:
APPLICANT:
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CURRENT FILING DATE:
             CURRENT APPLICATION NUMBER: US/09/906,838
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Similarity
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                                                                                                    Paoni, Nicholas F.
Roy, Margaret Ann
Stewart, Timothy A.
Tumas, Daniel
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Hillan, Kenneth, J.
Kljavin, Ivar J.
Mather, Jennie P.
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Botstein, David
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Grimaldi, Christopher
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Gerritsen, Mary E
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Filvaroff, Ellen
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5. US20030027143A1
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85.8%; Pred. No. 9
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PRIOR APPLICATION NUMBER: ECT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
SEQ ID NO 423
PRIOR HOMO Sapien
US-09-906-838-423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 86.3%; Score 1409; DB 9; Best Local Similarity 85.8%; Pred. No. 9.1e-89; Matches 266; Conservative 18; Mismatches 26;
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FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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FILING DATE: 1999-07-26
APPLICATION NUMBER: US 60/146,222
FILING DATE: 1999-07-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US99/30095
FILING DATE: 1999-12-16
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APPLICATION NUMBER: PCT/US99/28214
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/20594
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FILING DATE: 1999-07-07
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FILING DATE: 2000-02-22
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APPLICATION NUMBER: PCT/US99/28565
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                                                                                        NIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEG 300
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DFRHKSSFVI 310
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Search completed: June 7, 2003, 09:46:49

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Post-processing: Minimum Match 0%
Maximum Match 100%
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Perfect score:
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                                                                                                                     Published Applications AA:*

1: /cgn2 6/ptodata/2/pubpaa/US08 NEW PUB.pep:*

2: /cgn2 6/ptodata/2/pubpaa/PCT NEW PUB.pep:*

3: /cgn2 6/ptodata/2/pubpaa/US06 NEW PUB.pep:*

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Gapop 10.0 , Gapext 0.5
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## SUMMARIES

DB ID  9 US-09-905-291A-423 9 US-10-033-245-20 9 US-10-033-167-20 9 US-10-033-223-20 9 US-10-033-244-20 9 US-09-907-8244-23 9 US-09-907-824-423 9 US-09-907-811-423 9 US-09-904-011-423 9 US-09-904-011-423 9 US-10-128-072-538 9 US-10-121-049-538 9 US-10-123-904-538 9 US-10-123-904-538 9 US-10-123-904-538 9 US-10-123-904-538 9 US-10-123-904-538
DB ID  VS-09-905-291A-423  VS-10-033-245-20  VS-10-033-223-20  VS-10-033-223-20  VS-10-033-244-20  VS-09-907-824-423  VS-09-907-841-423  VS-09-907-841-423  VS-09-907-842-33  VS-09-906-813-823  VS-09-906-813-823  VS-09-906-813-423  VS-09-906-813-423  VS-09-906-813-423  VS-09-907-613-423  VS-09-907-613-423  VS-09-907-613-423  VS-09-907-613-423  VS-09-907-613-423  VS-09-907-613-423  VS-09-907-613-423
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-09-905-291A-423 -10-033-245-20 -10-033-223-20 -10-033-223-20 -10-033-244-20 -09-907-824-423 -09-907-824-423 -09-907-811-423 -09-904-011-423 -09-904-011-423 -09-906-813-904-538 -10-121-049-538 -10-121-049-538 -10-123-904-538 -10-123-904-538 -10-123-904-538 -10-133-904-538 -10-140-470-538 -10-140-470-538 -10-906-818-423 -09-906-818-423 -09-907-613-423 -09-907-613-423 -10-033-435-20
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#### ALIGNMENTS

			US RE
ENT APPLICATION IN FILING IN APPLICATION A	PAONI, NICHOL ROY, MARGARET SCHWART, Time Tumas, Danie Tumas, Danie Williams, P WOOD, Williams, P WOOD, Williams, P INVENTION: Secret INVENTION: Acid	APPLICANT: Gerber, Hanspecer APPLICANT: Geritsen, Mary E APPLICANT: Goddard, A. APPLICANT: Godowski, Paul J. APPLICANT: Godowski, Paul J. APPLICANT: Grimaldi, Christo APPLICANT: Hillan, Kenneth, APPLICANT: Kljavin, Ivar J. APPLICANT: Mather, Jennie P. APPLICANT: Pan, James	1A-423 23, Applicat US200201603 FORMATION: Genentech, Ashkenaz; Botsevere; Baton, Da Ferrara, Ferrara, Ferrara, Fong, She Gao, Wei
ER: US/09/905,291A 01-07-12 : PCT/US00/04414 02-22 : US 60/143,048 07-07 : US 60/145,698 : US 60/145,698 : US 60/146,222	las F. t Ann othy A. Mickey m, I. more and Transmembrane ds Encoding the Same	Mary E.  Paul J.  Christopher J.  Stin L.  nneth, J.  var J.  nnie P.	ion US/09905291A 174A1 Inc. Avi David , Luc in L. Napoleone Napoleone Napoleone Napoleone Napoleone Napoleone
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; ORGANISM: Homo Sapien
US-09-905-291A-423
                                                                                       Sequence 20, Application US/10033245
Patent No. US20020160392A1
GENERAL INFORMATION:
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Best Local Similarity
Matches 310; Conserv
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LENGTH: 310
APPLICANT:
APPLICANT:
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APPLICANT:
                                                                        APPLICANT: Botstein, David
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FILING DATE: 1999-12-16
APPLICATION NUMBER: PCT/US99/30911
FILING DATE: 1999-12-20
APPLICATION NUMBER: PCT/US99/30999
FILING DATE: 1999-12-20
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FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
APPLICATION NUMBER: PCT/US99/28214
FILING DATE: PCT/US99/28214
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FILING DATE: 2000-01-05
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APPLICATION NUMBER: PCT/US99/21090
FILING DATE: 1999-09-15
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APPLICATION NUMBER: PCT/US99/28565
FILING DATE: 1999-12-02
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FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
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APPLICATION NUMBER: PCT/US99/20944
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                 Ferrara, Napoleone
Fong, Sherman
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Gao, Wei-Qiang
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Pred. No. 9.6e-108;
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PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,511
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/115,558
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115,565
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PRIOR TILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
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CURRENT FILING DATE: 2001-12-27
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APPLICATION NUMBER: 60/113,145
FILING DATE: 1998-12-16
                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US00/32678 FILING DATE: 2000-12-01
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FILING DATE: 2000-03-30
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APPLICATION NUMBER: 60/170,262
FILING DATE: 1999-12-09
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APPLICATION NUMBER: 60/162,506
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APPLICATION NUMBER: 60/119,965
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FILING DATE: 1999-02-09
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APPLICATION NUMBER: PCT/US00/05841
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FILING DATE: 2000-03-03
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                                                                        Similarity
MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Title Operation Number: 60/112-27
PRIOR APPLICATION NUMBER: 60/112-25
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/115,565
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FILING DATE: 2000-03-03
APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
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Gao, Wei-Qiang
Goddard, Audrey
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Stewart, Timothy A.
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TITLE

Watanabe, Colin K.

William I.

Gurney, Austin L. Goddard, Audrey

Pan, James Roy, Margaret Ann Stewart, Timothy A.

INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

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RESULT 4
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-033-223-20
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleo
APPLICANT: Forg, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garney, Austin L
APPLICANT: Roy, Margaret An
APPLICANT: Roy, Margaret An
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin
                                                                                                                                                                                                                      Sequence 20, Application US/10033167 Publication No. US20020182618A1 GENERAL INFORMATION:
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SEQ ID NO 20
LENGTH: 310
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OR FILING DATE: 2000 -03-02
OR APPLICATION NUMBER: PCT/US00/08439
OR FILING DATE: 2000-03-30
OR APPLICATION NUMBER: PCT/US00/14941
OR FILING DATE: 2000-05-30
OR APPLICATION NUMBER: PCT/US00/15264
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FILING DATE: 2000-02-11
APPLICATION NUMBER: PCT/US00/04414
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FILING DATE: 1999-12-02
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Ferrara, Napoleone
Fong, Sherman
Gao, Wei-Qiang
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US-10-033-167-20
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PRIOR FILING DATE: 1999-02-09
PRIOR APPLICATION NUMBER: 60/119,537
OR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/119,965
PRIOR APPLICATION NUMBER: 60/162,506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 60/170,262
PRIOR APPLICATION NUMBER: 60/170,262
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
PRIOR FILING DATE: 1999-12-09
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Best Local Similarity
Matches 310; Conserv
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PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR FILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
PRIOR FILING DATE: 1998-12-16
PRIOR FILING DATE: 1998-12-16
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OR APPLICATION NUMBER: PCT/US00/32678

OR FILING DATE: 2000-12-01

UMBER OF SEQ ID NOS: 38

O ID NO 20

LENGTH: 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: PRT
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APPLICATION NUMBER: PCT/US99/12252
FILING DATE: 1999-06-02
APPLICATION NUMBER: PCT/US99/28634
FILING DATE: 1999-12-01
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APPLICATION NUMBER: 60/115,733
FILING DATE: 1999-01-12
APPLICATION NUMBER: 60/119,341
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APPLICATION NUMBER: PCT/US00/05841
FILING DATE: 2000 -03-02
APPLICATION NUMBER: PCT/US00/08439
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APPLICATION NUMBER: 60/115,558
FILING DATE: 1999-01-12
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APPLICATION NUMBER: PCT/US00/14941
FILING DATE: 2000-05-30
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FILING DATE: 1999-12-02
APPLICATION NUMBER: PCT/US00/03565
FILING DATE: 2000-02-11
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                            NDRKEIDEIVIELTVQVKPVTPVCRVPXAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
                                                                                                                           SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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NDRKEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPL
                                                                                                 SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
                                                                                                                                                                                              MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
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CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-07
PRIOR PILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR APPLICATION NUMBER: DS 60/146,222
PRIOR APPLICATION NUMBER: DS 60/146,222
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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                   OR FILING DATE: 1999-09-15
PCT/US99/23089
R FPLICATION NUMBER: PCT/US99/23089
OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
OR APPLICATION NUMBER: PCT/US99/28313
OR FILING DATE: 1999-11-30
                                                                                                                                                               APPLICATION NUMBER: PCT/US99/21090 FILING DATE: 1999-09-15 APPLICATION NUMBER: PCT/US99/21547
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FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/28564
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Botstein, David
Desnoyers, Luc
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Grimaldi, Christopher J.
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Hillan, Kenneth, J.
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Gerritsen, Mary E
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Filvaroff, Ellen
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Mather, Jennie P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Goddard, A.
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art, Timothy A.
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APPLICANT: Gourney, Austin L.
APPLICANT: Pan, James
APPLICANT: Roy, Margaret Ann
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANTON Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION. Acids Encoding the Same
FILE REFERENCE: P2930R1C2
CURRENT APPLICATION NUMBER: US/10/033,244
CURRENT FILING DATE: 2001-12-27
PRIOR APPLICATION NUMBER: 60/095,325
PRIOR APPLICATION NUMBER: 60/112,851
PRIOR PILING DATE: 1998-12-16
PRIOR APPLICATION NUMBER: 60/113,145
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PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR APPLICATION NUMBER: PCT/US99/30991
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US09/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
LENGTH: 310
TYPE: PRT
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Best Local S
Matches 310
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APPLICANT: Desnoyers, Luc
APPLICANT: Ferrara, Napoleo
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei Qiang
APPLICANT: Goddard, Audrey
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Gao, Wei-Qiang
Goddard, Audrey
Gurney, Austin L.
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; ORGANISM: Homo
US-10-033-244-20
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Matches 31
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LENGTH: 310
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Best Local S
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PRIOR FILING DATE:
NUMBER OF SEQ ID NO
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APPLICATION NUMBER: PCT/US99/28634
FILING DATE: 1999-12-01
APPLICATION NUMBER: PCT/US99/28551
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APPLICATION NUMBER: 60/119,965
FILING DATE: 1999-02-12
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FILING DATE: 2000-06-02
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APPLICATION NUMBER: PCT/US00/14941
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FILING DATE: 2000-02-11
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APPLICATION NUMBER:
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NIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEG
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                                                                                             PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQEMEVYDL
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                                                                                                                                                                                                                                                                                           SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
                                                                    PTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEEQBMEVYDL
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PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-28
PR APPLICATION NUMBER: US 60/146,222
PR APPLICATION NUMBER: US 67/146,222
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
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APPLICANT: Wood, William, I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
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CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
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DR APPLICATION NUMBER: PCT/US99/28565
DR FILING DATE: 1999-12-02
DR APPLICATION NUMBER: PCT/US99/30095
DR FILING DATE: 1999-12-16
DR APPLICATION NUMBER: PCT/US99/30911
DR FILING DATE: 1999-12-20
DR APPLICATION NUMBER: PCT/US99/30999
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FILING DATE: 1999-09-08
APPLICATION NUMBER: PCT/US99/20944
FILING DATE: 1999-09-13
APPLICATION NUMBER: PCT/US99/21090
                                                                                                                                                                                    APPLICATION NUMBER: PCT/US99/28313
FILING DATE: 1999-11-30
APPLICATION NUMBER: PCT/US99/28564
                                                                                                                                                                 FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                            APPLICATION NUMBER: PCT/US99/28214 FILING DATE: 1999-11-29
                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: PCT/US99/23089 FILING DATE: 1999-10-05
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APPLICATION NUMBER: PCT/US99/21547
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Grimaldi, Christopher J.
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Mather, Jennie P.
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Hillan, Kenneth, J.
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Ef, Ellen
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; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 423
; SEQ ID NO 423
; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-824-423
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Best Local Similarity
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14 CURRENT APPLICATION NUMBER: US/09/907,841 CURRENT FILING DATE: 2001-11-20
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                                                                              Tumas, Daniel
Williams, P. Mic
Wood, William,
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Roy, Margaret Ann
Stewart, Timothy A.
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Botstein, David
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Grimaldi, Christopher J.
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Filvaroff, Ellen
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; LENGTH: 310
; TYPE: PRT
; ORGANISM: Homo Sapien
US-09-907-841-423
                                                            APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
                                                                                                                                                                                Sequence 423, Application US/09904011 Publication No. US20030003530A1 GENERAL INFORMATION:
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R FILING DATE: 1999-11-29
Aning Prior Application data removed
BER OF SEQ ID NOS: 423
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
FILING DATE: 1999-10-05
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APPLICATION NUMBER: US 60/146,222
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APPLICATION NUMBER: US
FILING DATE: 1999-07-07
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FILING DATE: 1999-09-08
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                                                                                                                                                                                                                                                                                                                                                                     NIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEG
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                                                                                                                                                                                                                                                                                                     DFRHKSSFVI 310
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                               Gao, Wei-Qiang
Gerber, Hanspeter
Gerritsen, Mary E
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Pred. No. 9.6e-108;
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SEQ ID NO 423
LENGTH: 310
TYPE: PRT
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PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR APPLICATION NUMBER: US 60/145,698
                                                                                                                                                                                   Query Match
Best Local Similarity
Matches 310; Conserv
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PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
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APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,011
CURRENT FILING DATE: 2001-07-11
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ICR APPLICATION NUMBER: PCT/US99/20944
ICR APPLICATION NUMBER: PCT/US99/20944
ICR APPLICATION NUMBER: PCT/US99/21090
ICR FILING DATE: 1999-09-15
ICR APPLICATION NUMBER: PCT/US99/21547
ICR APPLICATION NUMBER: PCT/US99/21547
ICR APPLICATION NUMBER: PCT/US99/23089
ICR APPLICATION NUMBER: PCT/US99/23089
ICR APPLICATION NUMBER: PCT/US99/23089
ICR APPLICATION NUMBER: PCT/US99/23089
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FILING DATE: 1999-07-28
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APPLICATION NUMBER: PCT/US99/30911
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FILING DATE: 1999-12-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: PCT/US99/28564
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FILING DATE: 1999-11-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1999-12-02
61
                                         61
                   SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR 120
                                                                                           MALRRPPRIRICARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
                                                                                                                   MALRRPPRLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQT
SDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVAR
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Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Mather, Jennie P.
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Grimaldi, Christopher
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Paoni,
                                                                                                                                                                                      Conservative
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                                                                                                                                                                                                          100.0%; Score 1637; DB 9; 100.0%; Pred. No. 9.6e-108;
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APPLICANT: Zhang
TITLE OF INVENTION:
FILE REFERENCE:
CURRENT APPLICATION NUMBER: 60/049911
PRIOR APPLICATION NUMBER: 60/049911
PRIOR APPLICATION NUMBER: 60/05974
PRIOR APPLICATION NUMBER: 60/05974
PRIOR APPLICATION NUMBER: 60/059113
R FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059113
R FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059117
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059263
PRIOR PILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059352
PRIOR PILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059368
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059836
PRIOR APPLICATION NUMBER: 60/05250
PRIOR APPLICATION NUMBER: 60/062285
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
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Watanabe, Colin
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Godowski, Paul J.
Gurney, Austin L.
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Gerritsen, Mary E.
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Filvaroff, Ellen
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                                        OR FILING DATE: 1998-03-25
OR APPLICATION NUMBER: 60/079663
OR FILING DATE: 1998-02-27
OR APPLICATION NUMBER: 60/079728
OR FILING DATE: 1998-03-27
OR APPLICATION NUMBER: 60/080165
OR FILING DATE: 1998-03-31
OR APPLICATION NUMBER: 60/081203
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OR APPLICATION NUMBER: 60/063738
OR FILING DATE: 1997-10-29
OR APPLICATION NUMBER: 60/063755
OR FILING DATE: 1997-10-17
OR APPLICATION NUMBER: 60/064248
OR FILING DATE: 1997-11-03
OR APPLICATION NUMBER: 60/064809
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DR FILING DATE: 1998-01-23
DR APPLICATION NUMBER: 60/073612
DR FILING DATE: 1998-02-04
DR APPLICATION NUMBER: 60/074086
DR FILING DATE: 1998-02-09
DR APPLICATION NUMBER: 60/074092
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APPLICATION NUMBER: 60/069694
FILING DATE: 1997-12-16
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FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063045
FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063082
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APPLICATION NUMBER: 60/077791
FILING DATE: 1998-03-12
APPLICATION NUMBER: 60/078910
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APPLICATION NUMBER: 60/069278
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APPLICATION NUMBER: 60/
FILING DATE: 1997-11-24
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FILING DATE: 1997-11-17
APPLICATION NUMBER: 60/066364
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APPLICATION NUMBER: 60/063327
FILING DATE: 1997-10-27
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APPLICATION NUMBER: 60/079294
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APPLICATION NUMBER: 60/069334
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APPLICATION NUMBER: 60/065186
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APPLICATION NUMBER: 60/063735
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APPLICATION NUMBER: 60/063704
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APPLICATION NUMBER: 60/063127
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FILING DATE: 1997-11-24
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OR PILING DATE: 1998-06-19
OR APPLICATION NUMBER: 60/090349
OR PILING DATE: 1998-06-23
OR APPLICATION NUMBER: 60/090429
OR PILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090445
OR APPLICATION NUMBER: 60/09048
OR PILING DATE: 1998-06-24
OR APPLICATION NUMBER: 60/090538
OR FILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/090863
OR APPLICATION NUMBER: 60/091360
OR PILING DATE: 1998-06-26
OR APPLICATION NUMBER: 60/091519
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APPLICATION NUMBER: 60/08858
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APPLICATION NUMBER: 60/089532
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FILING DATE: 1998-05-13
APPLICATION NUMBER: 60/085339
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APPLICATION NUMBER: 60/085579
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FILING DATE: 1998-05-28
APPLICATION NUMBER: 60/088026
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APPLICATION NUMBER: 60/084600
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APPLICATION NUMBER: 60/081818
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FILING DATE: 1998-04-09
APPLICATION NUMBER: 60/
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APPLICATION NUMBER: 60/088741
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FILING DATE: 1998-05-22
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APPLICATION NUMBER: 60/088730
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Best Local
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         TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic TITLE OF INVENTION: Acids Encoding the Same FILE REFERENCE: 10466-14

CURRENT APPLICATION NUMBER: US/09/906,742

CURRENT FILING DATE: 2001-07-16

PRIOR APPLICATION NUMBER: 09/665,350

PRIOR FILING DATE: 2000-09-18

PRIOR APPLICATION NUMBER: PCT/US00/04414

PRIOR APPLICATION NUMBER: WS 60/143,048

PRIOR APPLICATION NUMBER: US 60/143,048

PRIOR FILING DATE: 1099-07-07

PRIOR FILING DATE: 1099-07-07
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DFRHKSSFVI
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Botstein, David
Desnoyers, Luc
                                                                                                                                                                         Williams, P. Mickey Wood, William, I.
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Roy, Margaret Ann
Stewart, Timothy A.
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Hillan, Kenneth, J.
Kljavin, Ivar J.
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Mather, Jennie
                                                                                                                                                                                                     Tumas, Daniel
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Grimaldi, Christopher
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Filvaroff,
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b. US20030023054A1
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NUMBER: US 60/145,698
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APPLICATION NUMBER: US

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1999-07-

60/146,222

APPLICATION NUMBER: PCT/US99/20594 FILING DATE: 1999-09-08

APPLICATION NUMBER: PCT/US99/20944

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RESULT 12
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US-09-906-742-423
                                                           Sequence 538, Application US/10121049 Publication No. US20030022239A1 GENERAL INFORMATION:
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Best Local Similarity
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NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
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OR FILING DATE: 1999-12-02
OR APPLICATION NUMBER: PCT/US99/30095
OR RILING DATE: 1999-12-16
OR APPLICATION NUMBER: PCT/US99/30911
OR FILING DATE: 1999-12-20
OR APPLICATION NUMBER: PCT/US99/3099
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APPLICATION NUMBER: PCT/US99/21547
FILING DATE: 1999-09-15
APPLICATION NUMBER: PCT/US99/23089
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APPLICATION NUMBER: PCT/US99/28214
FILING DATE: 1999-11-29
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Baker, Kevin P.
Beresini, Maureen
DeForge, Laura
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APPLICANT: APPLICANT:

Desnoyers, Luc Filvaroff, Ellen

DeForge,Laura

APPLICANT APPLICANT

Gao, wei-Qiang
Gerritsen, Mary E.
Goddard, Audrey
Godowski, Paul J.
Gurney, Austin L.
Sherwood, Steven
Smith, Victoria

APPLICANT APPLICANT:

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RESULT 13
US-10-123-904-538
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US-10-121-049-538
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                                GENERAL INFORMATION: APPLICANT: Baker, Ke
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SEQ ID NO 538
APPLICANT:
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CURRENT APPLICATION NUMBER: US/10/121,049
CURRENT FILING DATE: 2002-04-12
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TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
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               Beresini, Maureen
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Watanabe, Colin K
Wood, William
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; TYPE: PRT
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US-10-123-904-538
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CURRENT APPLICATION NUMBER: US/10/123,904
CURRENT FILING DATE: 2002-04-16
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
                                                                                            APPLICANT:
                APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3330R1C160
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APPLICATION NUMBER: US/10/140,470
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                                                                         Stewart, Timothy A. Tumas, Daniel Watanabe, Colin K Wood, William
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         APPLICANT: William, P. Mickey
APPLICANT: William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,838
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CURRENT FILING DATE:

Tumas, Daniel Paoni, Nicholas F. Roy, Margaret Ann Stewart, Timothy A.

Pan, James

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; Prior Application removed - See Palm or File Wrapper NUMBER OF SEQ ID NOS: 550 ; SEQ ID NO 538 ; LENGTH: 310 ; TYPE: PRT ; ORGANISM: Homo Sapien US-10-140-470-538
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US-09-906-838-423
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Gurney, Austin L. Hillan, Kenneth, J. Kljavin, Ivar J. Mather, Jennie P.
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                                                                   Godowski, Paul J.
Grimaldi, Christopher
                                                                                                                   Gerber, Hanspeter
Gerritsen, Mary E.
                                                                                                                                                    Fong, Snerman
Gao, Wei-Qiang
                                                                                                                                                                                     Ferrara, Napoleone
Filvaroff, Ellen
                                                                                                                                                                                                                                                   Ashkenazi, Avi
Botstein, David
                                                                                                     Goddard, A.
                                                                                                                                                                                                                      Eaton, Dan L.
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b. US20030027143A1
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PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 423
LENGTH: 310
TYPE: PRT
ORGANISM: Homo Sapien
US-09-906-838-423
Search completed: June, 7, 2003, 09:46:50
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OR FILING DATE: 1999-10-05
OR APPLICATION NUMBER: PCT/US99/28214
OR APPLICATION NUMBER: PCT/US99/28214
OR FILING DATE: 1999-11-29
ICR APPLICATION NUMBER: PCT/US99/28313
ICR FILING DATE: 1999-12-02
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OR FILING DATE: 2000-09-18
OR APPLICATION NUMBER: PCT/US00/04414
OR APPLICATION NUMBER: PCT/US00/04414
OR FILING DATE: 2000-02-22
OR APPLICATION NUMBER: US 60/143,048
OR FILING DATE: 1999-07-07
OR APPLICATION NUMBER: US 60/145,698
OR FILING DATE: 1999-07-26
OR APPLICATION NUMBER: US 60/146,222
OR FILING DATE: 1999-07-28
OR APPLICATION NUMBER: PCT/US99/20594
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#### ALIGNMENTS

RESULT 1 US-09-152-060-76

Sequence 76

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GENERAL INFORMATION:

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; OTHER INFORMATION: US-09-152-060-76
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EARLIER FILING DATE: 1997-03-14
EARLIER APPLICATION NUMBER: 60/050,934
EARLIER FILING DATE: 1997-05-30
EARLIER FILING DATE: 1997-05-30
EARLIER FILING DATE: 1997-05-30
EARLIER APPLICATION NUMBER: 60/048,357
EARLIER APPLICATION NUMBER: 60/048,357
EARLIER FILING DATE: 1997-05-30
EARLIER FILING DATE: 1997-05-30
EARLIER APPLICATION NUMBER: 60/048,189
EARLIER APPLICATION NUMBER: 60/057,765
EARLIER APPLICATION NUMBER: 60/057,765
EARLIER APPLICATION NUMBER: 60/048,970
EARLIER APPLICATION NUMBER: 60/048,970
EARLIER APPLICATION NUMBER: 60/068,368
EARLIER FILING DATE: 1997-06-06
EARLIER FILING DATE: 1997-12-19
NUMBER OF SEQ ID NOS: 118
Query Match
Best Local Similarity
Matches 114; Conserv
                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 76
                                                                                                                                                                                                  LENGTH: 298
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
FEATURE:
NAME/KEY: SITE
LOCATION: (42)
OTHER INFORMATION: Xaa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Rosen et al.
TITLE OF INVENTION: 28 Human Secreted Prote
FILE REFERENCE: PZ003P1.US
CURRENT APPLICATION NUMBER: US/09/152,060
CURRENT FILING DATE: 1998-09-11
EARLIER APPLICATION NUMBER: PC/US98/04858
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EARLIER APPLICATION NUMBER: 60/040,762
EARLIER FILING DATE: 1997-03-14
                                                                                                                                 FEATURE:
NAME/KEY: SITE
LOCATION: (58)
                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: PatentIn
                                                                                                                                                                                                                                                                                                                                                                                           Ver.
                                                                                                            Xaa
29.4%; Score 481; DB 4; 35.8%; Pred. No. 4.3e-41; tive 60; Mismatches 116
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Conservative

116; Indels

28;

Gaps

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APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Audrey
APPLICANT: Mapier, Mary A.
APPLICANT: Mapier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND MITTLE OF INVENTION: OF DISEASES CHARACTERIZED BY
FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1998-11-21
PRIOR APPLICATION NUMBER: WS 60/066,364
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR APPLICATION NUMBER: DCT/US98/19437
PRIOR FILING DATE: 1998-03-20
OR FILING DATE: 1998-03-27
NUMBER OF SEQ ID NOS: 30
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US-09-254-465A-9
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                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 9
LENGTH: 312
                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  293
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                                     114 RCEVVARNOR-KEIDEIVIELTVOVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYS 172
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               QEMEVYDLNIGGIIGGVLVVLAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVN 292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  WYRNDVPLPTDSRANPRFRNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCEE
                                                                              -KTPKKTVSSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKY
                                                                                                                        IITDSQTSDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALY 113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              YIRTDEEGDFRHKSSFVI 310
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WFKDGIRLLENPRLGSQSTNSSYTMNTKTGTLQFNTVSKLDTGEYSCEARNSVGYRRCPG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RCEVVARNDR-KEIDEIVIELTVQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   IITDSQTSDPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALY 113
RCEVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           KATTMSENDFKHTKSFII 298
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                                                                                                                                                                 MARRSRHRL-----LLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILAC
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Ashkenazi, Avi J
                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                     28.2%;
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                                                                                                                                                                                                                                                                     Score 461.5; DB 4
Pred. No. 4.5e-39;
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                                                                                                                                                                                                                                                    Mismatches
                                                                                                                                                                                                                                                                                         DB 4;
                                                                                                                                                                                                                                                    103;
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                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                       Length 312;
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PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 10
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
APPLICANT: TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P1216R1(US)
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ORGANISM: Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 300
    253 LAVLALITLGICCAYRRGYFINNKQDGESYKNPGKPDGVNYIRTDEEGDFRHKSSFVI 310
                                                187
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                                                                                                                                                                                                                                                                                                                     11 LLFLFTSMILGSLVQGKGSVYTAQSDVQVPENESIKLTC--TYSGFSSPRVEWKFVQGST 68
                                                                                                                                                                                                                                                                                                                                                          20 LLLLFRGCLIGAV-----NLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEWKKIQDEQ
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6410708
                                                                                          SFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSA-RCEEQEMEVYDLNIGGIIGGVLVV 252
                                                                                                                                                                                VQVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPT-DSRANPRFRNS
                                                                                                                                                                                                                               TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKDNGEYTC-MVSEEGGONYGEVSIHLT
                                                                                                                                                                                                                                                                      TTYVFFDNKIQGDLAGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELT 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QEMEVYDLNIGGIIGGVLVVLAVLALITLGICCAYRRGYF 272
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                                                SFTIDPKSGDLIFDPVTAFDSGEYYCQAQNGYGTAMRSEAAHMDAVELNVGGIVAAVLVT
                                                                                                                                         VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS
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Ashkenazi, Avi J.
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                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                27.9%; Score 457.5; DB 4; 35.6%; Pred. No. 1.1e-38;
                                                                                                                                                                                                                                                                                                                                                                                                           56; Mismatches 121;
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                                                                                                                                                                                   193
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RESULT 4
US-09-108-930-331
; Sequence 331, Application
; Patent No. 6150502
; GENERAL INFORMATION:

US/09188930A

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APPLICANT: SmithKline Beecham Corporation
TITLE OF INVENTION: Human F11 Antigen: A Cell Surface
TITLE OF INVENTION: Receptor Involved in Platelet Aggregation
FILE REFERENCE: GH-70150US
CURRENT APPLICATION NUMBER: US/09/462,270
CURRENT FILING DATE: 2000-01-05
PRIOR APPLICATION NUMBER: 60/052,186
PRIOR FILING DATE: 1997-07-10
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 2
LENGTH: 299
TYPE: PRT
ORGANISM: HOMO SAPIENS
US-09-462-270-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 331
LENGTH: 299
TYPE: PRT
ORCANISM: Human
US-09-188-930-331
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                                     Matches 101; Conservative
                                                       Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
                                                                                                                                                                                                                                                                                                                                                                                                                                                        162-270-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               241 AAVLVTLILLGILVFGIWFAYSRGHFDRTKKGTSSKKVIYSQPS------ARSEGEF 291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             181 RAFSNSSYVLNPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIV
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RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW 67
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                                 25.9%; Score 424; DB 4; Length 299; 32.8%; Pred. No. 2.9e-35; vative 48; Mismatches 137; Indels
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                                     Indels 22;
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US-09-254-465A-1
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PRIOR FILING DATE: 1998-0
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 1
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APPLICANT: Genente
APPLICANT: Ashkena
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APPLICANT:
APPLICANT:
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CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
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PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
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TYPE: PRT
ORGANISM: Homo sapiens
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EVKVKLIVLVPPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKST 180
                                                         EIVIELTVOVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDVPLPTDSRAN 187
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Ashkenazi, Avi J.
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RESULT 8
US-09-254-465%-23
; Sequence 23, Application US/09254465A
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CURRENT FILING DATE: 1998-11-09
NUMBER OF SEQ ID NOS: 348
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 189
LENGTH: 299
TYPE: PRT
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Best Local Similarity
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NAME/KBY: UNSURE
LOCATION: (247)...(247)
NAME/KBY: UNSURE
LOCATION: (289)...(289)
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TITLE OF INVENTION: Compositions Isolated From Skin Cells
TITLE OF INVENTION: and Methods For Their Use
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LICANT: Sleeman, Matthew
LICANT: Onrust, Rene
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NUMBER OF SEQ ID NOS: 30
SEQ ID NO 23
LENGTH: 260
TYPE: PRT
ORGANISM: Homo sapiens
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APPLICANT: Genente
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Best Local Similarity
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AN TITLE OF INVENTION: OF DISEASES CHARACTERIZED FILE REFERENCE: P1216R1(US)
CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
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PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
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                                                                                                                                          APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   209
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
                                                                                              Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   RRGYFINNKODGESYK 283
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               VHKDDSGQYYCIASNDAGSARCEEQ-EMEVYDLNIGGIIGGVLVVLAVLALITLGICCAY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AGRAETIGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTVQVKPVTPVCRVPK 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LGSVTVHSSEPEVRIPENNPVKLSCAY--SGFSSPRVEWKFDQGDTTRLVCYNNKITASY 60
                                                                                                                                                                                                                                                                                                                                                                                                             SRGHFDRTKKGTSSKK
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                                                                                                                                                                            Fong, Sherman
Goddard, Audrey
                                                                                                                                                                                                                      Genentech, Inc.
Ashkenazi, Avi J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Fong, Sherman
Goddard, Audro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24.0%; Score 392.5; DB 34.4%; Pred. No. 4e-32; tive 43; Mismatches 1
                                                                           COMPOSITIONS AND METHODS FOR THE TREATMENT
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                                                          RELATED ANTIGENS
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APPLICATION NUMBER: FILING DATE: 1998-1

1998-11-20

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; ORGANISM: Homo sapiens
US-09-254-465A-25
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SEQ ID NO 25
LENGTH: 263
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: HOMO SAPIENS
-09-462-270-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: SmithKline Beecham Corporation TITLE OF INVENTION: Human F11 Antigen: A TLE OF INVENTION: Receptor Involved is REFERENCE: GH-70150US REPLICATION NUMBER: US/09/462,270 CURRENT APPLICATION NUMBER: 00/052,186 PRIOR APPLICATION NUMBER: 60/052,186 PRIOR FILING DATE: 1997-07-10 NUMBER OF THE NUMBER OF TH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS:
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ENGTH: 205
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KFDQGDTTRLVCYNNKITASYEDRVTFL-PTGITFKSVTREDTGTYTC-MVSEEGGNSYG 120
                                                                                                          KKIQDEQTTYVFFDNKIQGDLAGRABILGKTSLKIWNVTRRDSALYRCEVVARNDRKEID 127
                                                                                                                                                                                                                                                                                                                                                               RLRLCARLPDFFLLLLFRGCLIGAVNLKSSNRTPVVQEFESVELSCIITDSQTSDPRIEW
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1997-11-21
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Human Fl1 Antigen: A Cell Surface
Receptor Involved in Platelet Aggregation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          17.6%; Score 288; DB 4; 133.7%; Pred. No. 1.4e-21; 33.7%; Mismatches 92;
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (212) 838-38
INFORMATION FOR SEQ ID NO:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
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SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Heath, Joan K.; White, Sara J.; Johnstone, Cameron TITLE OF INVENTION: Colon Cell And Colon Cancer Cell TITLE OF INVENTION: Associated Nucleic Acid Molecules, Protein And Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Hanson, No. 5712369man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08/597,495B FILING DATE: 02-Feb-1996
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STATE: New York
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                                  191 RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                             138 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP-- 195
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   amino acid
   GY: linear
                                                                                                                 QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                                                                                                              YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
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; Pred. No. 3.2e-15;
49; Mismatches 128
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RESULT 12
US-09-068-051A-22
; Sequence 22, Application
; Patent No. 6291235
; GENERAL INFORMATION:
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les 79; Conserv
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APPLICATION NUMBER: US/09/068,051A
FILING DATE: 10-Dec-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 10103
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5
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ADDRESSEE: Fulbright
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                            136 QVKPVTEVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLFTDSRANPRF 190
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138 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP-- 195
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                                                                           79 YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV 137
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OPERATING SYSTEM: PC-DOS
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                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 319 amino acids
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                                                                                                                                                                                                                                                                                                                                                       linear
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                                                                                                                   -AGRAEILGKTSLKIWNVTRRDSALYRCEVVARNDRKEIDEIVIELTV 135
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e-15;
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GENERAL INFORMATION: APPLICANT: Genente

APPLICANT: APPLICANT: APPLICANT:

Fong, Sherman Goddard, Audrey

Genentech, Inc. Ashkenazi, Avi J.

APPLICANT

Sequence 6, Application US/09254465A Patent No. 6410708

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; LENGTH: 319
; TYPE: PRT
; ORGANISM: Homo s
US-09-336-536-67
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APPLICANT: MCKBY, C.
APPLICANT: BOSSOME, S.
APPLICANT: BOSSOME, S.
TITLE OF INVENTION: SECRETED PROTEINS AND US
FILE REFERENCE: 7853-144
CURRENT APPLICATION NUMBER: US/09/336,536
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
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Patent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Matches
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Best Local Similarity
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No. 6406884
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       79; Conservative
                                                                                                                                 VGVVAALIIIGIIIYCCCC----RGKDDNTEDKEDARPNREAYEEP---PEQLRELSREREE
                                                                                                                                                                  GGVLVVLAVLALITLGICCAYRRGYFIN--NKQDG----ESYKNPGKPDGVNYI--RTDE
                                                                                                                                                                                                                                  RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                                                                                                                                                                                                                                                                                      YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                                                                                                                                                                                                                                                                                                    IGAVNLKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK-
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                                                                EDDYRQE 304
                                                                                               EGDFRHK 305
                                                                                                                                                                                                                                                                   LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14.0%; Score 228.5; DB 4; 25.7%; Pred. No. 3.2e-15; tive 49; Mismatches 128;
                                                                                                                                                                                                   VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALYVGIA
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TITLE OF INVENTION: OF DISEASES CHARACTERIZE
FILE REPERENCE: P1216R1(US)
CURRENT APPLICATION UNMBER: US/99/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-21
PRIOR FILING DATE: 1998-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR PILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR APPLICATION NUMBER: 907/US98/19437
PRIOR FILING DATE: 1998-03-17
PRIOR FILING DATE: 1998-03-20
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US-09-254-465A-24
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Best Local Similarity
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR APPLICATION NUMBER: US 60/066,364
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ENGTH: 319
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ANISM: Homo sapiens
254-465A-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   191 RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   136 QVKPVTPVCRVPKAVPVGKMATLHCQESEGHPRPHYSWYRNDV-----PLPTDSRANPRF 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     79 YIHGELYKNRVSISNNAE-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19 VDAISVETPODVLRASQGKSVTLPCTYHTSTSSREGLIQWDKLLLTHTERVVIWPFSNKN
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                                                                                                                                                                                                Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
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                                                                                                                                                                                                                                                                                                Fong, Sherman
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tumas, Daniei
Wood, William I.
                                                                                                                                                                                                                                                                                                                                               Genentech, Inc.
Ashkenazi, Avi J.
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PRIOR APPLICATION NUMBER: US 60
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/U
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
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LENGTH: 270
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229
                                         247 GGVLVVLAVLALITLGICCAYRRGYFIN--NKQDG----ESYKNP 285
                                                                                                                               191 RNSSFHLNSETGTLVFTAVHKDDSGQYYCIASNDAGSARCE-EQEMEVYDLNIG---GII 246
                                                                                                                                                                           124 LVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASGQP--
                                                                                                                                                                                                                  136 QVKEVTEVCRVEKAVEVGKMATLHCQESEGHEREHYSWYRNDV-----PLETDSRANERF 190
                                                                                                                                                                                                                                                               65 YIHGELYKNRVSISNNAB-QSDASITIDQLTMADNGTYECSVSLMSDLEGNTKSRVRLLV
                                                                                                                                                                                                                                                                                                                                                                                             29 IGAVNIKSSNRTPVVQEFESVELSCII-TDSQTSDPRIEWKKIQDEQTTYVF---FDNK- 83
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                                                                                                                                                                                                                                                                                                                                                                                                                                             74; Conservative
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VGVVAALIIIGIIIYCCCC---RGKDDNTEDKEDARPNREAYEEP
                                                                                                                                                                                                                                                                                                                                                                                                                                        13.3%; Score 217.5; DB 4; 26.0%; Pred. No. 3.3e-14; ative 43; Mismatches 121;
                                                                                    -VSLKNISTDTSGYYICTSSNEEGTOFCNITVAVRSPSMNVALYVGIA
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Search completed: June 7, 2003, 09:41:41 Job time: 13.5 secs THIS PAGE BLANK (uspto)

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1. /cgn2_6/ptodata/1/iaa/5A_COMB.pep:*

2. /cgn2_6/ptodata/1/iaa/5B_COMB.pep:*

3. /cgn2_6/ptodata/1/iaa/6A_COMB.pep:*

4. /cgn2_6/ptodata/1/iaa/6B_COMB.pep:*

5. /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep:*

6. /cgn2_6/ptodata/1/iaa/backfiles1.pep:*
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1633
1 MALSRRLRLRLYARLPHFFL.....VNYIRTSEEGDFRHKSSFVI
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US-09-188-930-189
US-09-254-465A-23
US-09-254-465A-23
US-09-268-051A-22
US-09-068-051A-67
US-09-254-465A-6
US-09-254-465A-6
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Sequence 76, Appl
Sequence 10, Appl
Sequence 10, Appl
Sequence 11, Appl
Sequence 1, Appl
Sequence 1, Appl
Sequence 25, Appl
Sequence 25, Appl
Sequence 27, Appl
Sequence 28, Appl
Sequence 29, Appl
Sequence 29, Appl
Sequence 29, Appl
Sequence 20, Appl
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45	44	43	42	41	40	39	38	37	36	35	34	ü	32	31	30	29	28
146.5	146.5	146.5	147	147	147.5	148	148	148	150	151	151.5	156.5	156.5	160	160	160	161.5
9.0	90	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.2	9.2	9.3	9.6	9.6	9.8	9.8	9.8	9.9
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Sequence 21, Appl	Sequence 19, Appl	Sequence 15, Appl	Sequence 15, Appl	Sequence 18, Appl	Sequence 31, Appl	•	Sequence 12, Appl	Sequence 12, Appl	Sequence 17, Appl	Sequence 5, Appli	Sequence 26, Appl	Sequence 24, Appl	Sequence 23, Appl	Sequence 33, Appl	Sequence 29, Appl	Sequence 16, Appl	Sequence 31, Appl

#### ALIGNMENTS

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US-09-152-060-76  Query Match 30.5%; Score 498; DB 4; Length 298; Best Local Similarity 37.0%; Pred. No. 4.3e-42; Matches 117; Conservative 61; Mismatches 112; Indels 26; Gaps 9;	; NAME/KEY: SITE ; IOCATION: (58) ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids	) FEATURE: ; NAME/KEY: SITE ; LOCATION: (42) ; LOCATION: (42) ; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids	; SEQ ID NO 76 ; LENGTH: 298 ; TYPE: PRT ; ORGANISM: Homo sapiens	APPLICATION I FILING DATE: OF SEQ ID NOS E: PatentIn V	; EARLIER FILING DATE: 1997-05-30 ; EARLIER APPLICATION NUMBER: 60/057,765 ; EARLIER APPLICATION NUMBER: 60/048,970 ; EARLIER APPLICATION NUMBER: 60/048,970 ; EARLIER FILING DATE: 1997-06-06	, , , , , , , , , , ,	RESULT 1 US-09-152-060-76 ; Sequence 76, Application US/09152060 ; Patent No. 6448230 ; GENERAL INFORMATION: APPLICANT: Rosen et al. TITLE OF INVENTION: 28 Human Secreted Proteins ; FILE REFERENCE: PZ003P1.US ; CURRENT REPLICATION NUMBER: US/09/152,060 ; CURRENT REPLICATION NUMBER: US/09/152,060

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LENGTH: 312
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OR FILING DATE: 1998-03-20
OR APPLICATION NUMBER: PCT
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
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CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                    TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT ITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: FILING DATE: 1998-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US 60/066,364
FILING DATE: 1997-11-21
APPLICATION NUMBER: US 60/078,936
FILING DATE: 1998-03-20
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                                          116 EVVALNDR-KEVDEITIELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWY 174
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                                                                                     52 TPKKTVSSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKYRC
                                                                                                                                                                                                                3 LSRRLRLYARLPHFFLLLLFRGCMI-----EAVNLKSSNRNPVVH--EFESVELSCII
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Napier, Mary A.
Tumas, Daniel
Wood, William I.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RNDVPLPTDSRANPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQD
                                                                                                                             THSQTSDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOVDDLNISGIIAAVVVVALVISVCGLGVCYAQRKGYF--SKE----TSFQKSNSSSKA 282
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              KDGIRLLENPRLGSOSTNSSYTMNTKTGTLOFNTVSKLDTGEYSCEARNSVGYRRCPGKR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 EVSAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYTWF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TPKKTVXSRLEWKKL-GRSVSFVYYQQTLQGDFKNRAEMI-DFNIRIKNVTRSDAGKYRC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            THSQTSDPRIEWKKIQDGQTTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRÇ 115
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                                                                                                                                                                     MARRSRHRL-----LLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILAC-K 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEVYDLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYI 294
USAPSEQGQNLEEDTVTLEVLVAPAVPSCEVPSSALSGTVVELRCQDKEGNPAPEYTWF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Fong, Sherman
                                                                                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1998-11-20
                                                                                                                                                                                                                                                                                 29.34;
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                                                                                                                                                                                                                                                             62;
                                                                                                                                                                                                                                                                                 Score 478; DB 4;
Pred. No. 4.8e-40;
                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                             109;
                                                                                                                                                                                                                                                                                                     Length 312;
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; SEQ ID NO 10
; LENGTH: 300
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-254-465A-10
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT,
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US PRIOR FILING DATE: 1997-11-21 PRIOR APPLICATION NUMBER: US
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                                                                     187
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     247
                                 253 LIVLAVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTSEEGDFRHKSSFVI 310
                                                                                                                                                                          135 VQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPT-DSRANPRFQNS
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                                                                                                                                                                                                                                                                                                                 20 LILLFRGCMIEAV-----NLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQ
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Fong, Sherman
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I
                                                                                                      SFHVNSETGTLVFNAVHKDDSGQYYCIASNDAGAA-RCEGQDMEVYDLNIAGIIGGVLVV 252
                                                                                                                                         VLVPPSKPTISVPSSVTIGNRAVLTCSEHDGSPPSEYSWFKDGISMLTADAKKTRAFMNS
                                                                                                                                                                                                                 TALVCYNSQITAPYADRV-TFSSSGITFSSVTRKDNGEYTC-MVSEEGGQNYGEVSIHLT 126
                                                                                                                                                                                                                                                TTYVYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDBITIBLI 134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     QWL 292
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LILLGLLIFGVWFAYSRGYFETTKKG----TAPGKKVIYSQPSTRSEGEFKQTSSFLV 300
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                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                     ; Score 449.5; DB 4; 
; Pred. No. 3.3e-37; 
64; Mismatches 117;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CHARACTERIZED
                                                                                                                                                                                                                                                                                                                                                                                        DB 4;
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                                                                                                                                                                                                                                                                                                                                                                                        Length 300;
                                                                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                         15;
                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                         186
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; SOFTWARE: FastSEQ for W:
; SEQ ID NO 2
; LENGTH: 299
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-09-462-270-2
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                                                                                                                                                                                                                      Patent No. 6358707

GENERAL INFORMATION:

APPLICANT: SmithKline Beecham Corporation

TITLE OF INVENTION: Human F11 Antigen: A Cell Surface

TITLE OF INVENTION: Receptor Involved in Platelet Aggregation

FILE REFERENCE: GH-70150US

CURRENT APPLICATION NUMBER: US/09/462,270

CURRENT FILING DATE: 1900-01-05

PRIOR APPLICATION NUMBER: 60/052,186

PRIOR FILING DATE: 1997-07-10

NUMBER OF SEO ID NOS: 4
                             Query Match
Best Local Similarity
Matches 100; Conserv
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SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 331
LENGTH: 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 100; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Patent No. 6150502
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Watson, James D.
APPLICANT: Strachan, Lorna
APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
APPLICANT: Murison, James Greg
TITLE OF INVENTION: Compositions Isolated From Skin
TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION NUMBER: US/09/188,930A CURRENT FILING DATE: 1998-11-09
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88-930-331
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40. 615050
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          257 AVITMGICCAYRRGCFISSKQDGESYKSPGKHDGVNYIRTS--EEGDFRHKSSFVI 310
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18 FFLLLLFRGCMIEAVNLKSSNRNPVVHEFESVELSCIITHSQTSDPRIEWKKIQDGQTTY 77
                                                                                                                                                                                                            FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GILVFGIWFAYSRGHFDRTKKGTSSKK----VIYSQPSARSEGEFKQTSSFLV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGYLVVLIVL 256
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL 190
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQV 137
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL
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                                       Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
                                   25.4%; Score 415; DB 4; Length 299;
33.8%; Pred. No. 9.9e-34;
ative 50; Mismatches 132; Indels 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   25.4%; Score 415; DB 4; Length 299; 33.8%; Pred. No. 9.9e-34; tive 50; Mismatches 132; Indels
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                                     Gaps
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US-09-254-465A-1
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                                                                                                                                                                                                                                                                                                                           Matches
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APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/254,465A
CURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: PCT/US98/19437 PRIOR FILING DATE: 1998-09-17
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                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 299
TYPE: PRT
ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                           100; Conservative
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o. 6410708
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Ashkenazi, Avi J
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APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P1216R1(US)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 25.4%; Score 415; DB 4; Local Similarity 33.8%; Pred. No. 9.9e-34;
                                                                                                                                                                                                                                              138 KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
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                                                                          NSETGTLVFNAVHXDDSGQYYCIASNDAGAARCEGQ-DMEVYDLNIAGIIGGVLVVLIVL 256
                                                                                                                                                              PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL 72
NPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILL
                                                                                                                                                                                                                                                                                                                                      VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
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US-09-254-465A-23
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                                                                                                                                                                                                                  Sequence 23, Application US/09254465A Patent No. 6410708
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Best Local Similarity
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NAME/KEY: UNSURE
LOCATION: (247)...(247)
NAME/KEY: UNSURE
LOCATION: (289)...(289)
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                                                           APPLICANT:
APPLICANT:
APPLICANT:
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TITLE OF INVENTION: and Methods For Their Use
FILE REFERENCE: 11000.1011c1
CURRENT APPLICATION NUMBER: US/09/188,930A
CURRENT FILING DATE: 1998-11-09
IBER OF SEQ ID NOS: 348
FTWARE: FastSEQ for Windows Version 3.0
DEQ ID NO 189
LENGTH: 299
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APPLICANT: Sleeman, Matthew
APPLICANT: Onrust, Rene
    TITLE OF
                                           APPLICANT:
                                                                                                                     APPLICANT:
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ORGANISM: Human
                                                                                                                                                                                                                                                                                                                                                                                                                                                         198 NSETGTLVFNAVHKDDSGQYYCIASNDAGAARCEGO-DMEVYDLNIAGIIGGVLVVLIVL
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                        INVENTION:
Goddard, Audrey
Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
NVENTION: COMPOUNDS, CO
                                                                                                                                                                                                                                                                                                                                           GILVFGIWFAYSRGHFDRTKKGTSSKK----
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                                                                                                                                                                                                                                                                                                                                                                                                                      NPTTGELVFDPLSASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTXILL
                                                                                                                                                            Ashkenazi, Avi J.
                                                                                                                                                                             Genentech, Inc.
                                                                                                                                     Fong, Sherman
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Pred. No. 1.6e-32;
0; Mismatches 134
COMPOSITIONS AND METHODS FOR THE TREATMENT S CHARACTERIZED BY A33- RELATED ANTIGENS
                                                                                                                                                                                                                                                                                                                                         VIYSQPSARSEXEFKQTSSFLV 299
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PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 25
LENGTH: 263
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CUURRENT APPLICATION NUMBER: US/09/254,465A
CUURRENT FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24855
PRIOR FILING DATE: 1998-11-20
PRIOR FILING DATE: 1997-11-21
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR PILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-03-20
PRIOR FILING DATE: 1998-09-17
PRIOR FILING DATE: 1998-09-17
PRIOR FILING DATE: 1998-09-17
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SEQ ID NO 23
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                                                                                                                                                                               TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT TITLE OF INVENTION: OF DISBASES CHARACTERIZED BY A33- RELATED ANTIGENS FILE REFERENCE: P1216R1(US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR APPLICATION NUMBER: PCT/US98/24855

PRIOR APPLICATION NUMBER: US/60/066,364
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TYPE: PRT
ORGANISM: Homo sapiens
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Local Similarity 34.6%; Pred. No. 1.9e-30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    241 GHFDRTKKGTSSKK 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             25, Application US/09254465A
3. 6410708
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           88; Conservative
                                                                                                                                                                                                                                                                                                                                                                   Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ASDTGEYSCEARNGYGTPMTSNAVRMEAVERNVGVIVAAVLVTLILLGILVFGIWFAYSR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TIGNRAVLTCSEODGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVLNPTTGELVFDPLS 180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PVGKTATIQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHVNSETGTLVFNAVH 210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLVPPSKPTVNIPSSA 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Fong, Sherman
Goddard, Audrey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Genentech, Inc.
Ashkenazi, Avi J.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             43; Mismatches 118;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 260;
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; ORGANISM: Homo sapiens US-09-254-465A-25

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APPLICANT: SmithKline Beecham Corporation

TITLE OF INVENTION: Human F11 Antigen: A Cell Surface

TITLE OF INVENTION: Receptor Involved in Platelet Aggre.

FILE REFERENCE: GH-70150US

CURRENT APPLICATION NUMBER: US/09/462,270

CURRENT FILING DATE: 2000-01-05

PRIOR APPLICATION UNMBER: 60/052,186

PRIOR APPLICATION UNMBER: 60/052,186

PRIOR FILING DATE: 1997-07-10

NUMBER: OF SEQ ID NOS: 4

SOFTWARE: FastSPO f-
RESULT 11
US-08-597-495B-22
; Sequence 22, Application US/08597495B
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TYPE: PRT
ORGANISM: HOMO SAPIENS
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                                                                                                                                                                                                                      138 KPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDVPLPTDSRANPRFQNSSFHV 197
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                                                                                                                                                                                                                                                                                                                                                                                                                64;
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                                                                                                                                                                                  PPSKPTVNIPSSATIGNRAVLTCSEQDGSPPSEYTWFKDGIVMPTNPKSTRAFSNSSYVL 190
                                                                                                                                                                                                                                                             VCYNNKITASYEDRV-TFLPTGITFKSVTREDTGTYTC-MVSEEGGNSYGEVKVKLIVLV 130
                                                                                                                                                                                                                                                                                               VYFDNKIQGDLAGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQV 137
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                                                                                                         NPTTGELVFES 201
                                                                                                                                            NSETGTLVFNA 208
                                                                                                                                                                                                                                                                                                                                     FILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSC--AYSGFSSPRVEWKFDQGDTTRL 72
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                                                                                                                                                                                                                                                                                                                                                                                                                                17.3%; Score 283; DB 4; 33.5%; Pred. No. 1.1e-20;
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Pred. No. 1.9e-30;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOPTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/
FILING DATE: 02-Feb-1996
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION NUMBER: 08/511
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
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APPLICANT: Simpson
APPLICANT: Catimel
APPLICANT: Heath,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: LU
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM: MEDIUM TYPE: Diskett
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Colon Cell And Color TITLE OF INVENTION: Associated Nucleic
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Hanson, No. 5712369man D. REGISTRATION NUMBER: 30,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 805 Third Avenue CITY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER:
294
                                                                                                                                                              194
                                                                                                                                                                                                    187
                                                                                                                                                                                                                                                                                132 ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                                               84 --IQGDL-----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
                                                                                                                                                                                                                                                                                                                                                                                                       19 VDAISVETPQDVLRASQGKSVTLPCTY-HTSTSSREGLIQWDKLLLTHTERVVIWPFSNK 77
                                                                                                                                                                                                                                                                                                                                                                                                                                             29 IEAVNLKSSNRNPVVHBFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         80;
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EREEEDDYRQE 304
                                                                                                                    DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI 294
                                                                                                                                                                                                  NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----AARCEGQDMEVY 238
                                                                                                                                                                                                                                          RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG 193
                                                                                                                                                                                                                                                                                                                      NYTHGELYKNRVSISNNAEQSD----ASITIDQLTMADNGTYECSVSLMSDLEGNTKSRV 133
                                      RTSEEGDFRHK 305
                                                                            ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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Y: USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Diskette, 3.5 inch, 360 kb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14.8%; Score 242.5; DB 1; 25.7%; Pred. No. 2.6e-16; tive 49; Mismatches 123;
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RESULT 12 US-09-068-051A-22

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GENERAL INFORMATION:
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FILING DATE: 02-Feb-1996
APPLICATION UNMBER: 08/511,876
FILING DATE: 04-Aug-1995
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, No. 6291235man D.
REGISTRATION NUMBER: 30,946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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ADDRESSEE: Fulbright & Jaworski LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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295 RTSEEGDFRHK 305
                                                239 ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
                                                                                                                                                                                          187 NPRFQNSSFHVNSETGTLVFNAVHKDDSGQYYCIASNDAG-----AARCEGQDMEVY
                                                                                                                                                                                                                                             134 RLLVLVPPSKPECGIEGETIIGNNIQLTCQSKEGSPTPQYSWKRYNILNQEQPLAQPASG
                                                                                                                                                                                                                                                                                             132 ELIVQVKPVTPVCRIPAAVPVGKTATLQCQESEGYPRPHYSWYRNDV-----PLPTDSRA 186
                                                                                                                                                                                                                                                                                                                                             78 NYÍHGELYKNRVSISNNÁEQSĎ----AŠITÍDQLÍMADNGTÝECSVSLMSĎLEGNTKSRV
                                                                                                                                                                                                                                                                                                                                                                                              84 -- IQGDL----
                                                                                                                                                                                                                                                                                                                                                                                                                                              19 VDAISVETPQDVLRASQGKSVTLPCTY-HTSTSSREGLIQWDKLLLTHTERVVIWPFSNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          29 IEAVNLKSSNRNPVVHEFESVELSCIITHSQTS--DPRIEWKKIQDGQTTYVY---FDNK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Similarity
                                                                                                DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (212) 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           REFERENCE/DOCKET NUMBER: LUD 5316.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 319 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: Diskette, 3.5 inch,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Application US/09068051A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TY: New York City
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TT: Old, Lloyd J.; Welt, Sydney; Ritter, Gerd; Simpson, Richard J.; Nice, Edouard; Moritz, R. L.; Catimel, B.; Ji, Hong; Burgess, Anthony W.; Heath, Joan K.; White, Sara J.; Johnstone, Cameron INVENTION: Colon Cell And Colon Cancer Cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14.8%; Score 242.5; DB 4
25.7%; Pred. No. 2.6e-16;
vative 49; Mismatches 123
                                                                                                                                              -----VSLKNISTDTSGYYICTSSNEEGTQFCNITVAVRSPSMNVALY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Associated Nucleic Acid Molecules, Protein And Peptides
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   752-5958
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                                                                                                ESYKSPGKHDGVNYI
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TITLE OF INVENTION: COMPOUNDS, COMPOSITION TITLE OF INVENTION: OF DISEASES CHARACTER FILE REFERENCE: P1216R1 (US)

CURRENT APPLICATION NUMBER: US/09/254,465A

CURRENT FILING DATE: 1999-03-05

COMPOSITIONS

COMPOSITIONS AND METHODS FOR THE CHARACTERIZED BY A33- RELATED AN

RELATED ANTIGENS

TREATMENT

APPLICANT:

Genentech, Inc. Ashkenazi, Avi J. Goddard, Audrey Fong, Sherman

APPLICANT:

APPLICANT:

Gurney, Austin L.
Napier, Mary A.
Tumas, Daniel
Wood, William I.

PRIOR APPLICATION NUMBER: PRIOR FILING DATE: 1998-1

1998-11-20 1997-11-21

US 60/066,364 PCT/US98/24855

FILING DATE: APPLICATION NUMBER:

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CURRENT APPLICATION NUMBER: US/09/336,536
CURRENT FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 75
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 67
LENGTH: 319
TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Leiby, K.
APPLICANT: McKay, C.
APPLICANT: BOSSONE, S.
TITLE OF INVENTION: SECRETED PI
FILE REFERENCE: 7853-144
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                                                       US-09-254-465A-6
            Sequence 6, Application US/09254465A
Patent No. 6410708
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Patent No. 6406884
GENERAL INFORMATION:
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Best Local Similarity
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                                                                                                                                                                            RTSEEGDFRHK 305
                                                                                                                                                                                                                                                        DLNIAGIIGGVLVVLIVLAVITMGICCAYRRGCFISSKQDG----ESYKSPGKHDGVNYI 294
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                                                                                                                                      EREEEDDYRQE 304
                                                                                                                                                                                                                   ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 14.8%; Score 242.5; DB 4
25.7%; Pred. No. 2.6e-16;
tive 49; Mismatches 123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI
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RESULT 15
US-09-068-051A-32
; Sequence 32, Application US/09068051A
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GENERAL INFORMATION:
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SEQ ID NO 6
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TYPE: PRT
ORGANISM: Homo sapiens
                                                                                                      COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.5 inch, 360

COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION IDMTA:

APPLICATION NUMBER: US/09/068,051A

FILING DATE: 10-Pec-1998

CLASSIFICATION: 435
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Local Similarity 25.7%;
                                                                                        PRIOR
                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEB: Fulbright & Jaworski LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Old, Lloyd J.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     239 ----VGIAVGVVAALIIIGII-IYCCCCRGKDDNTEDKEDARPNREAYEEPPEQLRELSR 293
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          132 ELIVOVKPVTPVCRIPAAVPVGKTATLOCOESEGYPRPHYSWYRNDV-----PLPTDSRA 186
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   84 -- IQGDL-----AGRTDVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITI 131
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APPLICATION NUMBER: 08/597,495
FILING DATE: 02-Feb-1996
APPLICATION NUMBER: 08/511,876
FILING DATE: 04-Aug-1995
                                                                                                                                                                                                                                                                                                                                                            CITY: New York City
STATE: New York
                                                                                        APPLICATION DATA
                                                                                                                                                                                                                                                                                                                                         COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 666 Fifth Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Old, Lloyd J.; Welt, Sydney; Ritter, Gerd;
Simpson, Richard J.; Nice, Edouard; Moritz, R. L.;
Catimel, B.; Ji, Hong; Burgess, Anthony W.;
Heath, Joan K.; White, Sara J.; Johnstone, Cameron
NVENTION: Colon Cell And Colon Cancer Cell
Associated Nucleic Acid Molecules, Protein And Peptides
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                                                                                                                                                                                                                                                                   storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (212) 752-5
INFORMATION FOR SEQ ID NO: 32
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: amino acid
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Hanson, No. 6291235man D. REGISTRATION NUMBER: 30,946 REFERENCE/DOCKET NUMBER: LUD 5316.2 TELECOMMUNICATION INFORMATION: TELEPHONE: (212) 318-3168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
255 VYCCCCREKD----DKDQDREDARPNRAAYQVPKKEQKEISRGREDEDDHRHE 303
                                      260 TMGICCAYRRGCFISSKQDGE-----SYKSPGKHDGVNYIRTSEEGDFRHK 305
                                                                                      199 NISTETAGYYICTSSNDVGIESCNITVAPRPPSMNIALY----AGIAGSVFVALIIIGVI
                                                                                                                                                                                 154
                                                                                                                                                                                                                            153 GKTATLQCQESEGYPRPHYSW-----YRNDVPLPTDSRANPRFQNSSFHVNSETGTLVFN 207
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                                                                                                                                                                                                                                                                                                                                                                                                                48
                                                                                                                                                                                                                                                                                                                     93 DVFGKTSLRIWNVTRSDSAIYRCEVVALNDRKEVDEITIELIVQVKPVTPVCRIPAAVPV 152
                                                                                                                                                                                                                                                                                                                                                                     37 SVTLPCTYNTYVSDREGFIQWDKLLRSQTERVVTWNFVTKKYIYGNRYENRVR----VSND
                                                                                                                                                                                                                                                                                                                                                                                                                                                           73; Conservative
                                                                                                                                   AVHKDDSGQYYCIASNDAGAARCE------GQDMEVYDLNIAGIIGGVLVVLIVLAVI
                                                                                                                                                                                 GNNIQLTCHSAEGSPSPQYSWKSYNAQNQQRPLTQPVSGEP------LLLK 198
                                                                                                                                                                                                                                                                         AELSNASITIDQLTMDDNGTYECSVSLMSDQDVNAKSRVRLLVLVPPSKPDCSIQGEMVI 153
                                                                                                                                                                                                                                                                                                                                                                                                             SVELSCII-THSQTSDPRIEWKKIQDGQT----TYVY---FDNKIQGDLAGRT 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 318 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14.7%; Score 240.5; DB 4; 24.9%; Pred. No. 4e-16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    752-5958
                                                                                                                                                                                                                                                                                                                                                                                                                                                        37; Mismatches 122;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length
                                                                                                                                                                                                                                                                                                                                                                                                                                                           61;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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